



Sheet 1 of 7

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1316.1021CC	APPLICATION NO. 09/930,964
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
		FILING DATE August 17, 2001	GROUP ART UNIT 2651 2627

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AS	AA	4,566,762	1/28/1986	Kato			
	AB	5,142,411	8/25/1992	Fiala			
	AC	5,349,471	9/20/1994	Morris et al.			
	AD	4,545,653	10/8/1985	Brenden et al.			
	AE	4,741,605	5/3/1988	Alfredsson et al.			
AS	AF	4,074,314	2/14/1978	Velzel et al.			

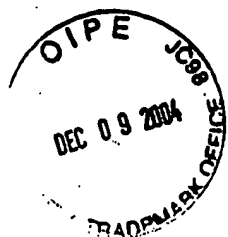
FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
AS	AG	62-73429	4/4/1987	Japan			Abstract Only	
	AH	07-98431	4/11/1995	Japan			Abstract Only	
	AI	07-302,437	11/14/1995	Japan			JPO Provided	
	AJ	0 587 297	3/16/1994	Europe				
	AK	0 803 867	10/29/1997	Europe				
AS	AL	05-81698	4/2/1993	Japan			Abstract Only	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AS	AM	Y. Komma et al., "Dual focus optical head for 0.6mm and 1.2mm disks," Optical Data Storage, SPIE vol. 2338, 1994, pp. 282-288.
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EXAMINER M. EDON	DATE CONSIDERED 2/27/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
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U.S. PATENT DOCUMENTS

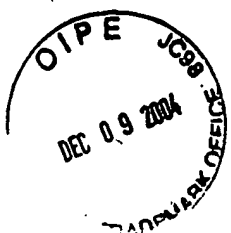
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>nl</i>	BA	3,305,294	2/21/1967	Alvarez			
	BB	5,473,471	12/5/1995	Yamagata			
	BC	5,438,187	8/1/1995	Reddersen et al.			
	BD	3,958,884	5/25/1976	Smith			
	BE	4,501,493	2/26/1985	Kubota			
	BF	4,938,573	7/3/1990	Saito			
	BG	5,153,778	10/6/1992	Sasian-Alvarado			
	BH	5,164,584	11/17/1992	Wike, Jr. et al.			
<i>nl</i>	BI	4,210,391	7/1/1980	Cohen			
	BJ	5,583,843	12/10/1996	Horinouchi			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>nl</i>	BK	06-96466	4/8/1994	Japan			Abstract Only	
<i>nl</i>	BL	07-311969	11/28/1995	Japan			Abstract Only	
<i>nl</i>	BM	04-178931	6/25/1992	Japan			Abstract Only	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>nl</i>	BN	M. Shinoda et al., "Two-Element Objective Lenses and Spherical Aberration Correction for DVR," IEEE Transactions on Consumer Electronics, Vol. 42, No. 3, pp. 808-813 (August 1996).	
EXAMINER	<i>M. Edou</i>	DATE CONSIDERED	<i>2/27/06</i>
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	FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
	FILING DATE August 17, 2001	GROUP ART UNIT 2651 2627

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>RG</i>	CA	5,777,803	7/7/1998	Ju et al.			
	CB	5,734,512	3/31/1998	Shin et al.			
	CC	4,340,283	7/20/1982	Cohen			
	CD	4,929,823	5/29/1990	Kato et al.			
	CE	4,995,714	2/26/1991	Cohen			
	CF	4,995,715	2/26/1991	Cohen			
	CG	5,097,464	3/17/1992	Nishiuchi et al.			
	CH	5,231,624	7/27/1993	Finegan			
	CI	5,161,040	11/3/1992	Yokoyama et al.			
	CJ	5,235,581	8/10/1993	Miyagawa et al.			
<i>RG</i>	CK	5,446,565	8/29/1995	Komma et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>RG</i>	CL	7-65407	03/1995	Japan			Abstract Only	
<i>RG</i>	CM							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RG</i>	CN	Takagi et al., "DVD/CD Compatible Pick-up with Liquid Crystal Shutter," IEEE (1997)
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
		FILING DATE August 17, 2001	GROUP ART UNIT 2651 2627

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>AL</i>	DA	5,587,981	12/24/1996	Kamatani			
	DB	5,724,335	3/3/1998	Kubayashi			
	DC	5,777,973	7/7/1998	Yoo et al.			
	DD	5,796,683	8/18/1998	Sumi et al.			
	DE	5,303,221	4/12/1994	Maeda et al.			
	DF	5,513,158	4/30/1996	Ohsato			
	DG	5,615,200	3/25/1997	Hoshino et al.			
	DH	5,638,353	6/10/1997	Takahashi			
	DI	5,659,533	8/19/1997	Chen et al.			
	DJ	5,696,750	12/9/1997	Katayama			
<i>AL</i>	DK	5,703,856	12/30/1997	Hayashi et al.			

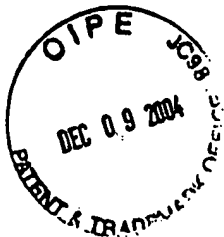
FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
<i>AL</i>	DL	3-244450	10/1991	Japan			Abstract Only	
<i>AL</i>	DM	2-118508	05/1990	Japan			Abstract Only	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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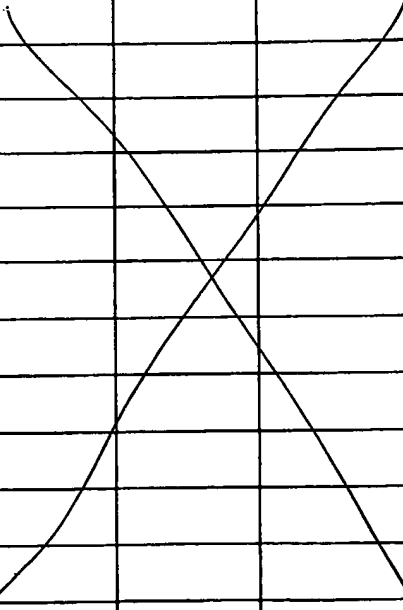
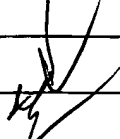
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1316.1021CC	APPLICATION NO. 09/930,964
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
		FILING DATE August 17, 2001	GROUP ART UNIT 2851 2627

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	EA	5,734,637	3/31/1998	Ootaki et al.			
	EB	5,754,512	5/19/1998	Komma et al.			
	EC	5,768,242	6/16/1998	Juday			
	ED	5,496,995	3/5/1996	Kato et al.			
	EE	5,930,214	7/27/1999	Kasahara et al.			
	EF	5,708,638	01/1998	Braat et al.			
	EG	5,612,942	03/1997	Takahashi			
	EH	4,918,679	04/1990	Opheij et al			
	EI	4,733,943	03/1998	Suzuki et al			
	EJ	5,659,533	08/1997	Chen et al.			
		EK	5,615,199	03/1997		Tatsuno et al.	
EL		5,345,072	09/1994	Hayashi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
12	EL	7263552	10/1942	Germany				XX

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
		FILING DATE August 17, 2001	GROUP ART UNIT 2661 2627

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
[Signature]	FA	5,120,120	09/1992	Cohen et al.			
	FB	5,737,300	04/1998	Ota et al.			
	FC	4,612,437	09/1986	Ohsato			
	FD	5,161,148	11/1992	Hori et al.			
	FE	4,631,397	12/1986	Ohsato et al.			
	FF	5,917,800	06/1999	Choi			
	FG	4,904,856	02/1990	Nagahama et al.			
	FH	5,195,072	03/1993	Fukui et al.			
	FI	5,815,293	09/1998	Komma			
	FJ	5,526,338	06/1996	Hasman et al.			
[Signature]	FK	5,844,879	12/1998	Morita et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
[Signature]	FL	508,448	06/1939	Great Britain				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER M. EDON [Signature]	DATE CONSIDERED 2/27/06
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1316.1021CC	APPLICATION NO. 09/930,964
	FIRST NAMED INVENTOR Jang-Hoon YOO et al.	
	FILING DATE August 17, 2001	GROUP ART UNIT 2654 2627

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	GA	5,790,503	08/1998	Mizuno et al.			
	GB	6,052,237	04/2000	Opheij et al.			
	GC	4,266,534	05/1981	Ogawa			
	GD	5,986,779	11/1999	Tanaka			
	GE	5,132,843	07/1992	Aoyama et al.			
	GF	5,754,512	05/1998	Komma et al.			
	GG	2,233,591	03/1941	Dulovits			
	GH						
	GI						
	GJ						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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**ATTACHMENT 1(f)****LIST OF COPENDING APPLICATIONS**

ATTORNEY DOCKET NO.	APPLICATION NO.
1316.1021CC	09/930,964
FIRST NAMED INVENTOR	
Jang-Hoon YOO et al.	
FILING DATE	GROUP ART UNIT
August 17, 2001	2651 2627

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
<i>aj</i>	1	09/930,963 (Publication No. 2002- 0027862 A1)	08-17-2001	Jang-Hoon YOO et al.	Samsung Electronics Co., Ltd.
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EXAMINER <i>M. Egan</i>	DATE CONSIDERED <i>2/27/06</i>
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